



2009 "VOLUNTEERS WORKING WITH INVASIVES" GRANTS REPORT FORM

Display Report

PROJECT BACKGROUND INFORMATION

Project Title:	Invasive Species Management with Refuge Volunteers	
Region: Use region number ONLY	1	
Station:	Camas NWR	
Contact Person: Name and Phone Number	Brian Wehausen (208)662-5423	
Project Description: (Up to 250 words)	In the past Camas NWR has focused on mapping and treating only Russian knapweed and swainsonpea. We have other species present in lower numbers and quite possibly some that we have not discovered. I would like to begin a systematic survey on the refuge and document via RLGIS the presence of all noxious weeds on Camas NWR. I would like to establish some photo points for references with our mapping and treatment efforts. Our focus on treatment will be those species that appear to be new or small infestations to Camas habitat and treat them immediately. This spring Camas NWR has had two wildfires in which both had burned through good stands of Big basin sage brush. We would like to attempt to replace the sage component which should help outcompete new invaders.	
List of Invasives Species Targeted:	Common Name	Scientific Name
	Russian knapweed	<i>Acroptilon repens</i>
	Canada thistle	<i>Cirsium arvense</i>
	Swainsonpea	<i>Sphaerophysa salsula</i>
	Houndstongue	<i>Cynoglossum officinale</i>
	Leafy spurge	<i>Euphorbia esula</i>
	Mush thistle	<i>Carduus nutans</i>
	Scotch thistle	<i>Onopordum acanthium</i>
	Black henbane	<i>Hyoscyamus niger</i>
Project Status:	In Progress	
Project Completion Date or Estimated Completion Date: (mm/dd/yyyy)	11/01/2010	

VOLUNTEER INFORMATION

Volunteer Affiliation: (Check all that apply)	VA_Scouts	VA_Other
Volunteer Involvement: Describe the type of work the volunteers performed. (Up to 150 words)	We have had two refuge volunteers whom worked this summer using RLGIS to map weed infestations in areas such as Camas Creek which delivers many seeds to the refuge. We now have some established photo points of some of the infestations and did discover and treat Houndstongue for the first time because of this effort. Refuge volunteer John Dollar released a biological control agent in our Canada thistle infestations. We plan to do more releases with the help of the Continental Divide Weed Management Area. Also refuge volunteers have spent time collecting seed from sage brush so that it can be grown next summer. Replacement of sage in areas that it has been lost will help stop the spread of certain invasive weeds. The seedlings will be planted in the fall of 2010 to increase percentage of survival.	
Total Number of Volunteers:	12	
Total Number of Volunteer Hours:	450	
Partnerships: List both new and existing partnerships utilized in this project. (Up to 150 words).	We are involving the local boy scouts, and a master naturalist program that has popped up locally. We are also working with the Continental Divide Weed Management Area group to work on invasive issues cross borders. Intermountain Aquatics Inc. is working cooperatively with us to grow sage seedlings and provide technical advice on planting the seedlings.	

PROJECT RESULTS

Project Results: Give an overview of the results of the project. Include quantifiable measure of success, such as maps produced, efficacy of control measures, number of sites where invasions were detected early and responded to, number of community contacts, etc. (Up to 250 words).	
Number of Acres Treated:	
Number of Acres Inventoried and/or Mapped:	
Number of Acres Restored:	

BUDGET INFORMATION

Budget: Account for funds in broad categories such as equipment, volunteer stipends, travel, coordinator salary/contract, etc.

Total Grant Amount:	\$ \$8,400
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Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment / Supplies	\$377.00	4.5
Chemical	0	
Biocontrol Agents	\$625.00	7.4
Travel	0	
Volunteer Stipends	\$1,500	17.9
Volunteer Coordinator Salary/Contract		
Restoration Materials		

Other		
TOTAL		

Recommendations: (OPTIONAL)

How useful was this program for meeting refuge invasive species objectives and how can it be improved?

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